Name of work:Improvements to Roads And Drains At PK's Mustering Center Surrounding Area In Ward No.13 Shettyhalli Sub Division

Detailed Measurements

Detailed Measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)						
	For RCC drain						
	1st cross,Byraveshwara Layout						
	RHS	1	6.00	0.75		4.50	
		1	12.00	0.90		10.80	
	Missing Slabs						
	1st cross,Byraveshwara Layout						
	RHS	10	0.60	0.90		5.40	
		5	0.60	0.90		2.70	
	2nd cross, VijayaLakhshmi Layout						
	LHS						
		8	0.60	0.90		4.32	
		10	0.60	0.90		5.40	
		13	0.60	0.90		7.02	
	RHS						
		15	0.60	0.90		8.10	
		10	0.60	0.90		5.40	
		12	0.60	0.90		6.48	
					Present Qty	**60.12**	**Sqm**

08/08/22

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub division

Name of work:Improvements to Roads And Drains At PK's Mustering Center Surrounding Area In Ward No.13 Shettyhalli Sub Division

Detailed measurements

Detailed measurement recorded on:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)						
	For RCC Culvert						
	Culvert at 1st cross,Byraveshwara Layout						
		1	5.50	1.50		8.25	
					Present Qty	**8.25**	**Sqm**

Assistant Engineer
Ward No.13

Asst. Executive Engineer,
Shettyhalli Sub division

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Name of work:Improvements to Roads And Drains At PK's Mustering Center Surrounding Area In Ward No.13 Shettyhalli Sub Division

Pre measurements

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
8	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202								
	For CC Road								
	Main road,BHEL Mini Colony								
		1	15.00	6.20	5.50	5.85	0.15	13.16	
		1	15.00	5.50	5.50	5.50	0.15	12.38	
		1	5.50	5.50	5.95	5.73	0.15	4.72	
		1	15.00	6.90	7.90	7.40	0.15	16.65	
		1	15.00	7.90	7.60	7.75	0.15	17.44	
		1	15.00	7.60	7.20	7.40	0.15	16.65	
		1	19.90	7.20	7.80	7.50	0.15	22.39	
	Deductions								
	Main road,BHEL Mini Colony								
	Electric Pole	-4	0.20	0.20	0.20	0.20	0.15	-0.02	
	Man Hole	-1		(3.142*0.9*0.9)/4			0.15	-0.10	
	Trees Area	-9		(3.142*0.4*0.4)/4			0.15	-0.18	
	Borewell	-2		(3.142*0.4*0.4)/4			0.15	-0.04	
	Chamber	-1	1.50	0.30	0.30	0.30	0.15	-0.07	
	Ramp	-1	9.00	0.60	0.60	0.60	0.15	-0.81	
		-1	2.50	0.75	0.75	0.75	0.15	-0.28	
							Present Qty	**101.89**	**Cum**

Assistant Engineer
Ward No.13
12/06/20

Asst. Executive Engineer
Shettyhalli Sub division
12/6

Name of work:Improvements to Roads And Drains At PK's Mustering Center Surrounding Area In Ward No.13 Shettyhalli Sub Division

Pre measurements

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
9	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.								
	For CC Road								
	2nd cross, BHEL Mini Colony								
		1	15.00	5.20	4.80	5.00		75.00	
		1	15.00	4.80	5.10	4.95		74.25	
		1	15.00	5.10	5.10	5.10		76.50	
		1	17.40	5.10	5.00	5.05		87.87	
	2nd cross, VijayaLakhshmi Layout								
		1	15.00	4.30	3.70	4.00		60.00	
		1	15.00	3.70	3.70	3.70		55.50	
		1	15.00	3.70	4.35	4.03		60.38	
		1	15.00	4.35	4.05	4.20		63.00	
		1	15.00	4.05	4.65	4.35		65.25	
		1	15.40	4.65	5.57	5.11		78.69	
	Shooting Banglow Main Road								
		1	15.00	5.00	5.00	5.00		75.00	
		1	13.00	5.00	5.40	5.20		67.60	
		1	15.00	4.30	3.60	3.95		59.25	
		1	15.00	3.60	3.40	3.50		52.50	
		1	4.70	3.40	3.40	3.40		15.98	
	Deductions								
	2nd cross, BHEL Mini Colony								
	Man Hole	-1		(3.142*0.9*0.9)/4				-0.64	
	Ramp	-1	5.00	0.45	0.45	0.45		-2.25	
		-1	3.00	0.50	0.50	0.50		-1.50	
		-1	4.30	1.20	1.20	1.20		-5.16	
		-1	6.00	0.90	0.90	0.90		-5.40	
	Shooting Banglow Main Road								
	Man Hole	-3		(3.142*0.9*0.9)/4				-1.92	
	Ramp	-1	1.20	0.30	0.30	0.30		-0.36	
	Chamber	-1	0.45	0.45	0.45	0.45		-0.20	
	2nd cross, VijayaLakhshmi Layout								
	Electric Pole	-6	0.20	0.20	0.20	0.20		-1.20	
	Man Hole	-2		(3.142*0.9*0.9)/4				-1.28	
	Trees Area	-3		(3.142*0.4*0.4)/4				-0.39	
	Stage	-1	1.20	0.75	0.75	0.75		-0.90	
							Present Qty	**945.57**	**Sqm**

Assistant Engineer
Ward No.13
13/06/22

Asst. Executive Engineer
Shettyhalli Sub division
13/6

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Name of work:Improvements to Roads And Drains At PK's Mustering Center Surrounding Area In Ward No.13 Shettyhalli Sub Division

Pre measurements

Pre measurement recorded on:

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
10	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3								
	For CC Road								
	1st cross,Byraveshwara Layout								
		1	19.20	5.50	5.60	5.55		106.56	
	Main road,BHEL Mini Colony								
		1	15.00	6.20	5.50	5.85		87.75	
		1	15.00	5.50	5.50	5.50		82.50	
		1	5.50	5.50	5.95	5.73		31.49	
		1	15.00	6.90	7.90	7.40		111.00	
		1	15.00	7.90	7.60	7.75		116.25	
		1	15.00	7.60	7.20	7.40		111.00	
		1	19.90	7.20	7.80	7.50		149.25	
	Pk's Mustering Center Back Side Road								
		1	15.00	3.30	3.80	3.55		53.25	
		1	15.00	3.80	4.00	3.90		58.50	
		1	6.60	4.00	2.70	3.35		22.11	
	2nd cross, BHEL Mini Colony								
		1	15.00	5.20	4.80	5.00		75.00	
		1	15.00	4.80	5.10	4.95		74.25	
		1	15.00	5.10	5.10	5.10		76.50	
		1	17.40	5.10	5.00	5.05		87.87	
	2nd cross, VijayaLakhshmi Layout								
		1	15.00	4.30	3.70	4.00		60.00	
		1	15.00	3.70	3.70	3.70		55.50	
		1	15.00	3.70	4.35	4.03		60.38	
		1	15.00	4.35	4.05	4.20		63.00	
		1	15.00	4.05	4.65	4.35		65.25	
		1	15.40	4.65	5.57	5.11		78.69	
	Cross road								
		1	13.00	2.10	1.60	1.85		24.05	
		1	4.50	3.00	2.90	2.95		13.28	
	Shooting Banglow Main Road								
		1	15.00	5.00	5.00	5.00		75.00	
		1	13.00	5.00	5.40	5.20		67.60	
		1	15.00	4.30	3.60	3.95		59.25	
		1	15.00	3.60	3.40	3.50		52.50	
		1	4.70	3.40	3.40	3.40		15.98	
	Shree Shakti Bhavana Surroundings								
		1	18.15	2.40	4.45	3.43		62.16	
		1	16.40	2.40	2.90	2.65		43.46	
		1	14.50	3.14	2.60	2.87		41.62	
		1	7.67	2.32	1.90	2.11		16.18	
		1	17.13	2.38	2.70	2.54		43.51	
		1	2.95	1.20	1.20	1.20		3.54	
		1	5.00	1.65	1.27	1.46		7.30	
		1	15.96	2.19	2.10	2.15		34.23	
		1	10.00	1.97	2.02	2.00		19.95	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	17.70	2.60	2.32	2.46		43.54	
		1	14.60	1.75	2.36	2.06		30.00	
		1	6.27	1.07	1.18	1.13		7.05	
		1	7.00	1.20	0.60	0.90		6.30	
	Deductions								
	Main road,BHEL Mini Colony								
	Electric Pole	-4	0.20	0.20	0.20	0.20		-0.16	
	Man Hole	-1		(3.142*0.9*0.9)/4				-0.64	
	Trees Area	-9		(3.142*0.4*0.4)/4				-1.17	
	Borewell	-2		(3.142*0.4*0.4)/4				-0.26	
	Chamber	-1	1.50	0.30	0.30	0.30		-0.45	
	Ramp	-1	9.00	0.60	0.60	0.60		-5.40	
		-1	2.50	0.75	0.75	0.75		-1.88	
	Pk's Mustering Center Back Side Road								
	Electric Pole	-1	0.20	0.20	0.20	0.20		-0.04	
	Trees Area	-1		(3.142*0.4*0.4)/4				-0.13	
	2nd cross, BHEL Mini Colony								
	Man Hole	-1		(3.142*0.9*0.9)/4				-0.64	
	Ramp	-1	5.00	0.45	0.45	0.45		-2.25	
		-1	3.00	0.50	0.50	0.50		-1.50	
		-1	4.30	1.20	1.20	1.20		-5.16	
		-1	6.00	0.90	0.90	0.90		-5.40	
	Shooting Banglow Main Road								
	Man Hole	-3		(3.142*0.9*0.9)/4				-1.92	
	Ramp	-1	1.20	0.30	0.30	0.30		-0.36	
	Chamber	-1	0.45	0.45	0.45	0.45		-0.20	
	2nd cross, VijayaLakhshmi Layout								
	Electric Pole	-6	0.20	0.20	0.20	0.20		-1.20	
	Man Hole	-2		(3.142*0.9*0.9)/4				-1.28	
	Trees Area	-3		(3.142*0.4*0.4)/4				-0.39	
	Stage	-1	1.20	0.75	0.75	0.75		-0.90	
							Present Qty	**2256.72**	**Sqm**

Assistant Engineer
Ward No.13
13/06/20

Asst. Executive Engineer
Shettyhalli Sub division
18/6

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